

इंटरनेट

मानक

### Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 7102 (1973): Screw, Bone, Leinbach, Medullary [MHD 2: Orthopaedic Instruments, Implants and Accessories]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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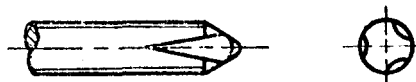




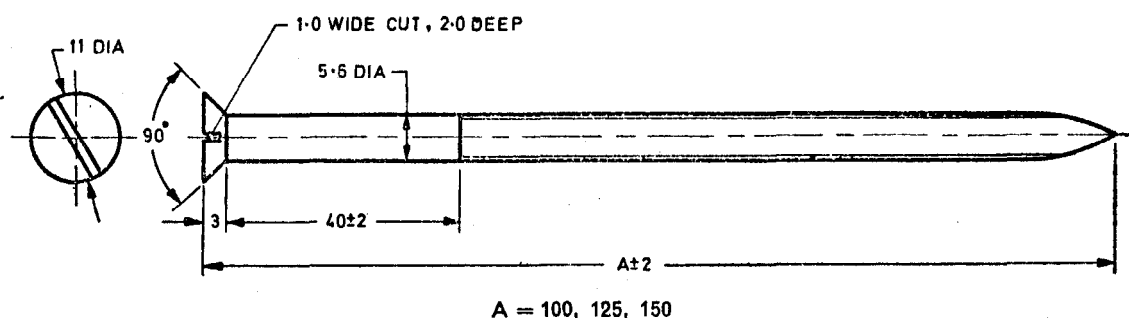
"Reaffirmed 1981"

Indian Standard  
SPECIFICATION FOR  
SCREW, BONE, LEINBACH, MEDULLARY

1. **Scope** — Specifies dimensions and other requirements for leinbach medullary bone screw for use in fractures of the olecranon.
2. **Material** — Any of the materials specified in 3 of IS : 5347-1969 'General requirements of metal surgical implants'.
3. **Shape and Dimensions** — As shown in Fig. 1.



SELF TAPPING END, ALTERNATE SHAPE



A = 100, 125, 150

All dimensions in millimetres.

FIG. 1 SCREW, BONE, LEINBACH, MEDULLARY

- 3.1 The thread profile shall be according to Indian Standard specification for thread, bone screws (under preparation).

**Note** — Until this specification is published the thread profile shall be subject to agreement between the purchaser and the manufacturer.

#### 4. Workmanship and Finish

- 4.1 The screw shall be symmetrical about its central line.
- 4.2 The threads shall be well formed and clean.
- 4.3 The surfaces of the screw shall be free from cracks, draw-marks, pits, burrs, surface contaminations and impregnated foreign particles.
- 4.4 The screw shall be passivated and polished bright except the threaded portion.

#### 5. Tests

- 5.1 **Corrosion Resistance Test** — Shall be according to 6.1 of IS : 5347-1969.
- 5.2 **Radiological Test** — Shall be according to 6.2 of IS : 5347-1969.

6. **Marking** — Shall be according to 5 of IS : 5347-1969.

- 6.1 **ISI Certification Marking** — Details available with the Indian Standards Institution.

7. **Packing** — As agreed to between the purchaser and the supplier.